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ABSTRACT

Provided are 1, 25-dihydroxy-2-methylvitamin D3 derivatives expressed by the general formula (I),

[wherein each of R_1 and R_2 is independently a hydrogen atom or a tri(C_1 to C_7 alkyl)silyl group; herein configurations of asymmetric carbons at the 1-, 2- and 3-positions are each independently α -configuration or β -configuration] and their production methods.

The compound is useful as a treating agent for osteoporosis, rickets, hyperthyroidism, etc.